

Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed.

The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 9/14/2021

Water Supplier

Supplier Name:	San Jose Municipal Water
System Name (if applicable):	North San Jose
PWSID:	CA4310019
Audit Period:	CY2020
Supplier Participants:	Michelle Mullane, Nicole Harvie, Derek Hentschke

Key Audit Metrics

Data Validity Score:	59	
ILI:	0.88	
Real Loss:	20.05	gal / conn / day
Apparent Loss:	21.86	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	2.1%	

Validator

Validator:	Jessica Jagdeo, Water Systems Optimization
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Validator Qualifications:	Water Audit Validator Certificate from the AWWA California Nevada Section
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Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Water Audit Level 1 Validation- Water System Certification Statement

Water System(s) This Audit Covers:

Public Water System Identification (PWSID)¹: CA 4310019 **Water System Name** City of San Jose - NSJ/Alviso

¹ List only 1 PWSID which should match the PWSID on the FWAS Instructions Tab. For Special cases where the audit covers multiple water systems connected with permanent two-way interties, list those additional PWSIDs in the **Notes** below and describe the water distribution system(s) configuration.

Notes:

N/A

Water Audit & Water Loss Improvement Steps:

1. Steps Taken: Water System to identify steps taken in the preceding 3 years to increase data validity, reduce real loss, and reduce apparent loss as informed by the annual validated water audit:

- Inclusion of actual hydrant lateral (not estimate) lengths in GIS total
- Initiated AMI pilot
- Meter accuracy testing program planning

2. Planned Steps (OPTIONAL): If your audit reflects negative real losses or the cost of non-revenue water is greater than 100% of the operating costs (issues for which your audit will not meet code requirements), you will be asked what steps you are planning in the coming year to address these issues. If you already know what steps you plan to take, you may list them here. If not, please prepare a response within 90 days (23 CCR Section 638.6[a]).

N/A

Certification Statement by Utility Executive

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Jeffrey Provenzano

Executive Position

Deputy Director

Signature



Date

9/29/2021